Forse

WEAR-PROOF

WINDOW SHADES

WEAR-PROOF WINDOW SHADES

Patented and Patents Pending

FORSE MANUFACTURING COMPANY

(Not Inc.)

Successors to Frampton Window Shade Co.

Established 1900

ANDERSON, INDIANA, U. S. A.

Cable Address, "Forse"

STATE OF NEW HAMPSHIRE

State House, Concord

February 2, 1926

Forse Manufacturing Company,
Anderson, Indiana.

Gentlemen:

Mechanically, and otherwise, this equipment is unusually desirable and we are glad to recommend it school authorities.

Very truly yours,
JAMES N. PRINGLE,
Deputy Commissioner of Education

COMMONWEALTH OF VIRGINIA

State Board of Education

Richmond, Virginia

July 31, 1926.

Forse Manufacturing Company,
Anderson, Indiana

Gentlemen:

I do not hesitate to say that I am very much impressed with this type of shade and shall be very glad to recommend its adoption and installation where opportunity permits.

Very truly yours,
(Signed) Raymond V. Long,
Supervisor School Buildings.

For the Conservation of Vision

NATIONAL COMMITTEE FOR THE PREVENTION OF BLINDNESS

Incorporated
370 Seventh Avenue
New York
Hon. Wm. H. Taft, Honorary President

June 12, 1926.

Gentlemen:

The model window shade that you made for this Committee is on exhibit in our reception room, and during the American Health Congress at Atlantic City in May we showed this model in the Committee's exhibit booth.

The example created much interest and we feel that it is really effective in showing an example of corect window lighting.

Eleanor P. Brown, Secretary

THE FABRIC

Forse Wear-Proof fabric is not like ordinary window shade material, neither is it a common duck, canvas or denim such as used in the manufacture of tents, awnings and overalls.

Forse Wear-Proof is a textile, made of carefully selected long staple cotton woven into a soft close-mesh cloth. The material receives an olive-tan color that is sunfast, according to the rigid Forse specifications. It is pre-shrunk in the finishing process, the surface of the fabric is carefully treated and the material is fabricated into window shades by workers who are skilled in the art. There is not an ounce of paint or clay filler in a thousand yards of Forse Wear-Proof fabric and there is no starch or sizing for temporary appearance's sake. The best of everything is combined in a special way to produce a lustrous, enduring window shade that is a credit to the building it adorns.

ARCHITECTS SPECIFICATIONS

Shades to be made in a thoroughly workmanlike manner, cut perfectly square and true and mounted on rollers in the same manner, using substantial fasteners.

Shade cloth to be of soft Forse Wear-Proof fabric. Cloth to have no coating or filling, to be pre-shrunk and to be of a sunfast tan or buff color. Cloth to be overedged on ALL edges.

Shade rollers are to be Stewart Hartshorn manufacture.

The finished length of each shade shall be sufficient to wrap around the roller, in addition to the length required to completely cover the window opening. Shade cloth to be wide enough to prevent all light gaps at sides of windows.

Shade cords to be fastened to hardwood slats with suitable clamp pulls securely anchored.

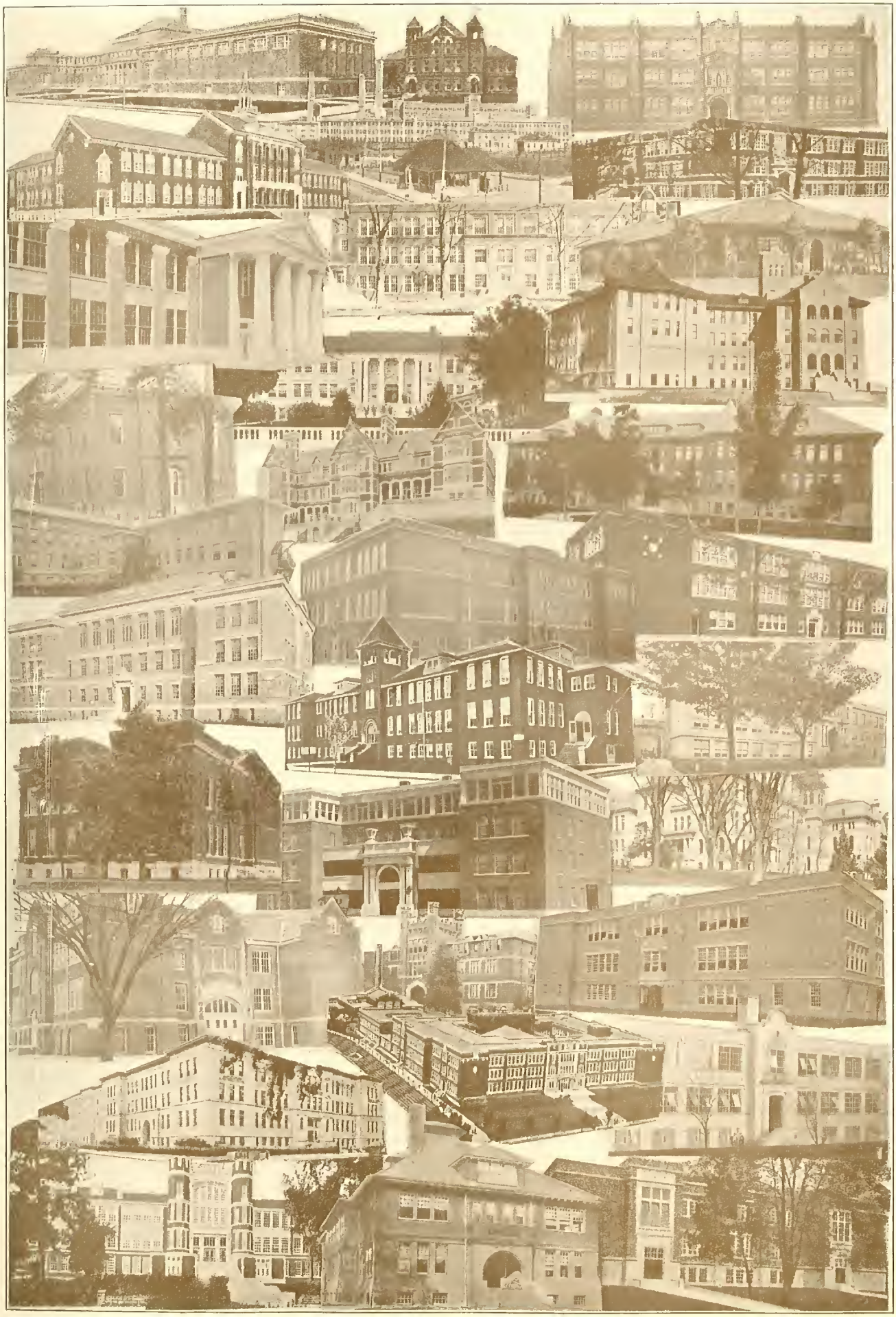
Windows calling for double roller shades shall be equipped with two shades to each window. The two window shades are to be mounted at or near the center of the window with steel reversible Forse double shade brackets and both shades are to operate in the same vertical plane without touching each other. One shade to pull up from the center of the window, and one to pull down. A steel light shield is to be placed behind the two rollers to prevent light coming in between the rollers. The steel light shield shall harmonize in color with the shade cloth and it shall be held securely in the steel brackets. Upper shade to be supplied with Forse noiseless stop pulley.

THE BUILDING ILLUSTRATIONS

We illustrate in this book some of the buildings that have been equipped with complete installations of Forse Wear-Proof window shades. The composite picture on the next page contains photographic reproductions of buildings in the following places that have been so equipped, commencing at the upper left corner:

Middletown, Ohio	Lawrence, Mass.	Asheville, N. C.	Muskegon, Mich.
Asheville, N. C.	Roanoke, Va.	Lubbock, Tex.	Washington, N. C.
Tryon, N. C.	Prairie View, Tex.	Huntington, W. Va.	New Orleans, La.
Salem, Mass.	Hershey, Pa. (Factory)	Danville, Ills.	Durham, N. C.
LaPorte, Ind. (Hospital)	Lincolnton, N. C.	Whitman, Mass.	Whitewater, Wis.
Framingham, Mass.	Santa Paula, Calif.	Algiers, La.	Sisseton, S. Dak.
Columbus, Ga.	Methuen, Mass.	Badin, N. C.	St. Clairsville, Ohio
McKenzie, Tenn.	Jonesville, Mich.	Lockland, Ohio	Springfield, Ohio

SOME BUILDINGS EQUIPPED WITH FORSE WEAR-PRROF SHADES



FORSE QUIET PULLEY

(PATENT PENDING)

This little pulley catches and holds the shade cord at any position as cord is swung to right or left.

The old style pulley with its noisy squeak and squeal was so ineffective that we developed this one after much experiment. It is of the same quality as other details of the Forse product.

The frame of the pulley is nickel-steel, aand it is unbreakable, quite unlike the old style cast iron pulley frame so easily broken. The axle is also steel.

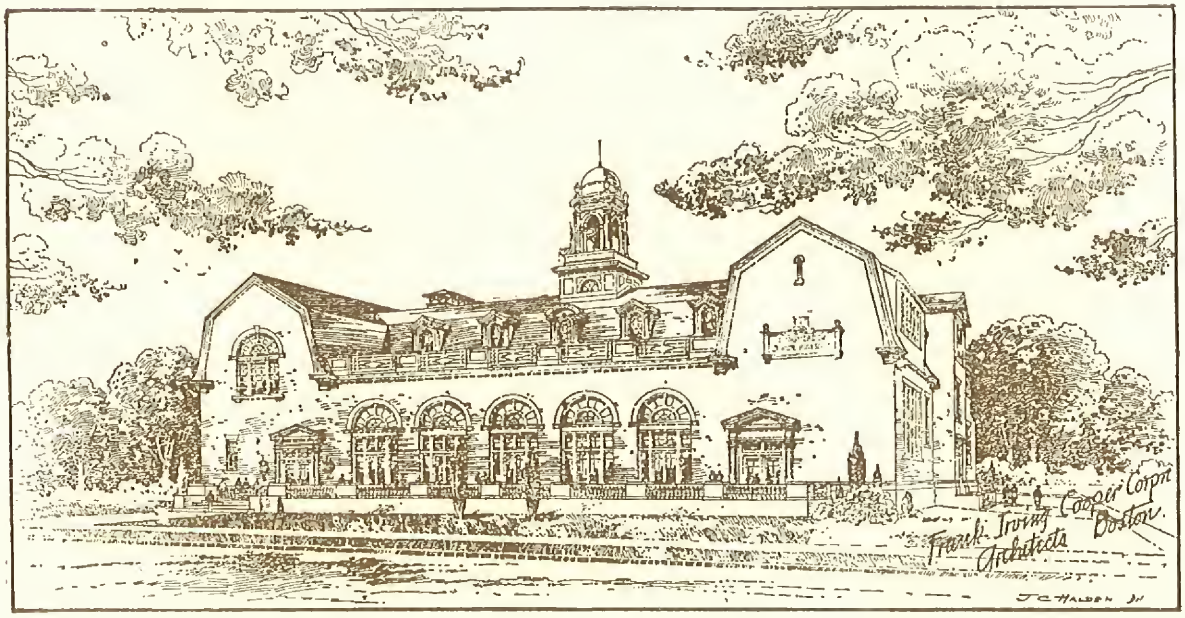
The pulley is silent in operation and it will give practically unlimited service. The roller is made of genuine moulded Bakelite, compressed at high temperature into an unyielding smooth-running roller of enormous tensile strength and endurance. The Bakelite of which the roller is composed has been moulded by other manufacturers into counting wheels which have been carefully tested by the Bakelite Corporation engineers. After running continuously at the rate of 100,000 turns per hour and attaining a total of

30 MILLION REVOLUTIONS

they were carefully examined and showed no perceptible wear. This is additional justification for our use of

"THE LIFE-TIME GUARANTEE"

The Quiet Pulley is an exclusive Forse product
(Patent Pending)



HIGH SCHOOL, LONGMEADOW, MASSACHUSETTS
Frank Irving Cooper Corporation, Architects, Boston

COLUMBIA UNIVERSITY — NEW YORK CITY

CHEMISTRY BUILDING, COLUMBIA
UNIVERSITY, NEW YORK

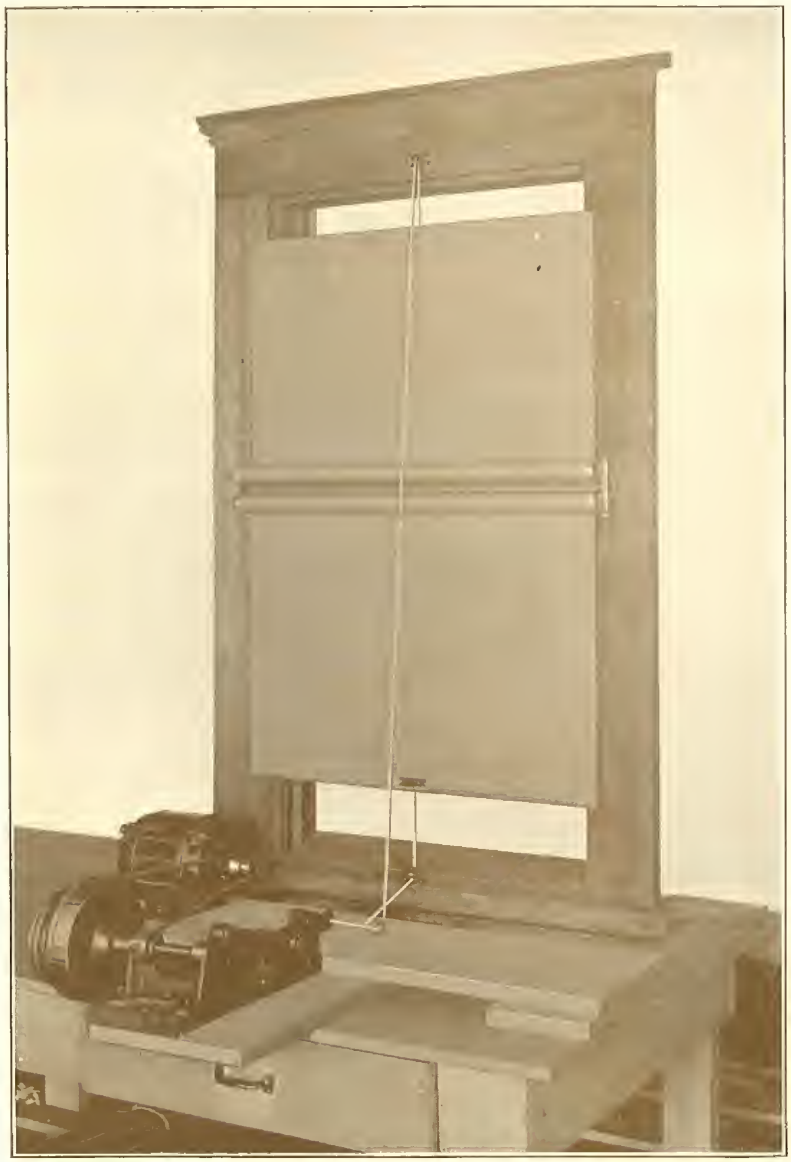
PHYSICS BUILDING
COLUMBIA UNIVERSITY
NEW YORK

JOHN JAY DORMITORY
COLUMBIA UNIVERSITY
NEW YORK

FAYERWEATHER HALL
COLUMBIA UNIVERSITY
NEW YORK

The Forse Wear-Proof window shades installed in this group of buildings were found to be so satisfactory after a period of usage that Forse Wear-Proofs were also specified and furnished for the great structures of the Columbia University Medical Center, illustrated on page 17 of this book.

One Reason for "THE LIFE-TIME GUARANTEE"



One of the machines we have built especially for the purpose of testing the endurance and wearing qualities of Forse Wear-Proof window shades is illustrated. This device is operated by an electric motor. The arm mechanism alternately raises and lowers the shade as in actual practice, the motor is operated at relatively high speed, and there is a mechanical counter to record the number of times operated.

In an actual recorded test of one pair of standard Forse Duo-Roll Wear-Proof shades of regular stock production, the shades were raised and lowered

186,320 TIMES

at which point the spring in the roller broke. During the test it was twice necessary to replace broken cords. The pulley axle became slightly worn, due to it having been installed in an uneven position.

The window shade fabric was not injured in the slightest, neither was any defect apparent in the thread overcast edge or any portion of the window shade or equipment.

The test represents ordinary usage of at least

ONE HUNDRED AND SEVENTY YEARS SERVICE,

based on the assumption that the shades would be adjusted 3 times each day in every day of the year.

This test and others we have conducted from time to time have warranted us in putting into effect, without reservation as to time, the Forse exclusive

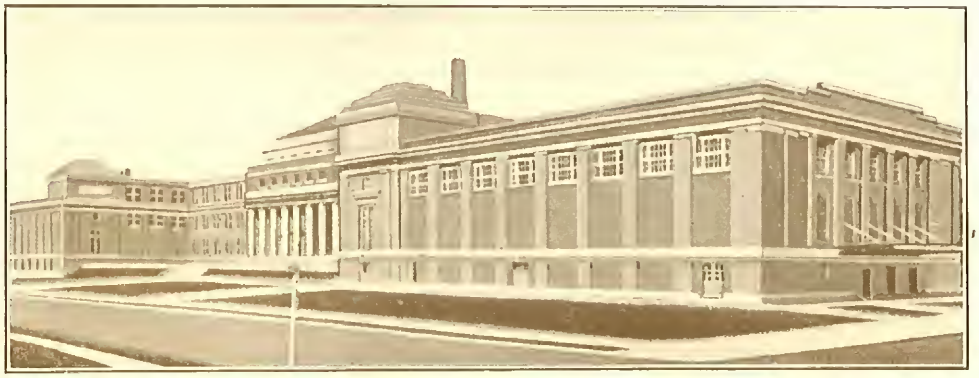
"LIFE-TIME GUARANTEE,"
in the following terms:

We guarantee the Forse Wear-Proof window shades in every detail as to quality of workmanship and material. If any part wears out in service, it will be replaced without cost.

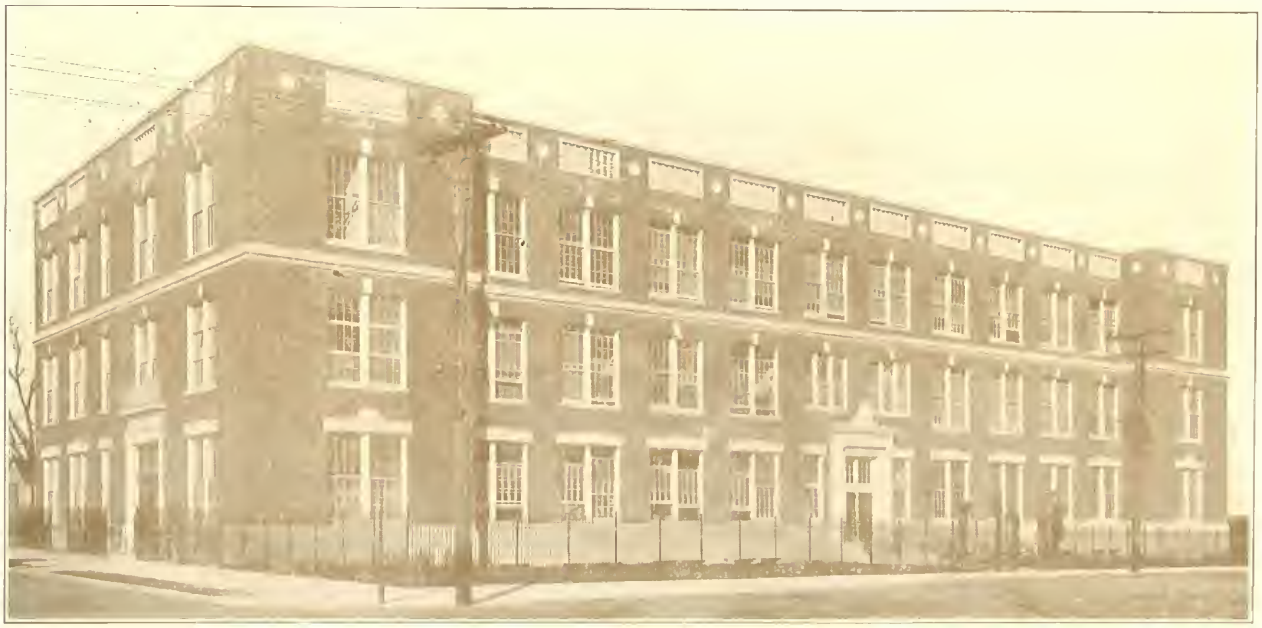
MIDDLETOWN, OHIO

Thomas B. McLaughlin, Architect

This High School at Middletown, Ohio, was supplied with a complete equipment of Forse Wear-Proof double roller shades. Several other schools and the Y. M. C. A. in Middletown were then equipped because of this satisfactory installation.

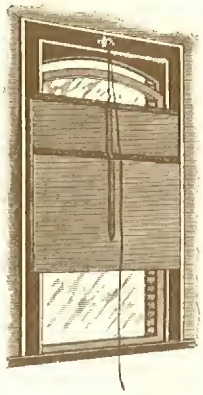


NEW YORK CITY SCHOOLS; FORSE EQUIPPED



PUBLIC SCHOOL NO. 72, BRONX

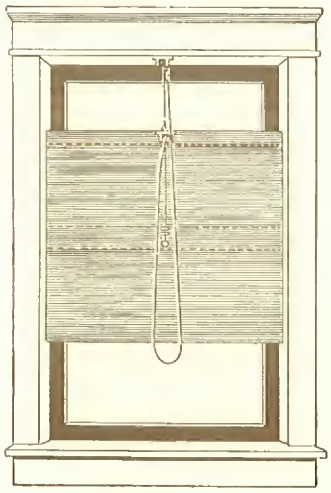
PUBLIC SCHOOL NO. 219, BROOKLYN, N. Y.



THE FIRST ADJUSTABLE WINDOW SHADE

George M. Frampton invented the first adjustable window shade designed particularly for school use, and illustrated at the left. His early patents were dated 1901 and prior to that time he established a small factory at Pendleton, Indiana where the product was manufactured in a modest way until 1917 when the business was acquired by Forse Manufacturing Company of Anderson, Indiana. The pioneer Frampton shade is no longer manufactured, having been succeeded by other types, more suitable for modern buildings. Quality, as established by Frampton, the pioneer, has always been uppermost, and today the Forse Wear-Proof window shades are generally recognized as supreme in their field.

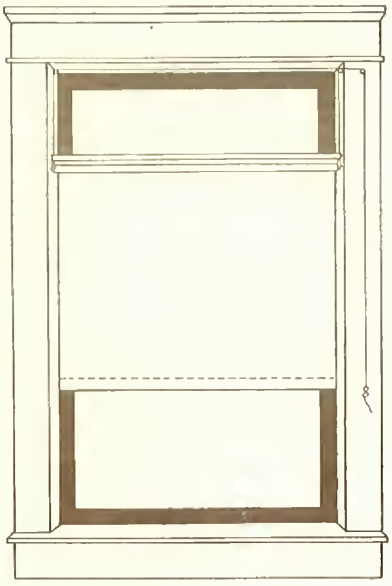
TWO FOLLOWERS OF THE PIONEER WINDOW SHADE



No. 2
FOLDING

This shade has NO spring roller. It folds easily and quickly by means of the continuous cord and the two stop pulleys. A slight pull on the cord will lower or raise the shade, or fold it. Made ordinarily with one intermediate slat; additional slats will be included when specified. Selvedge edges or whipped edges on shades.

Made in tan or white Wear-Proof, in any shape or size. The lowest-priced good quality adjustable shade manufactured. Thousands of them are in everyday use.

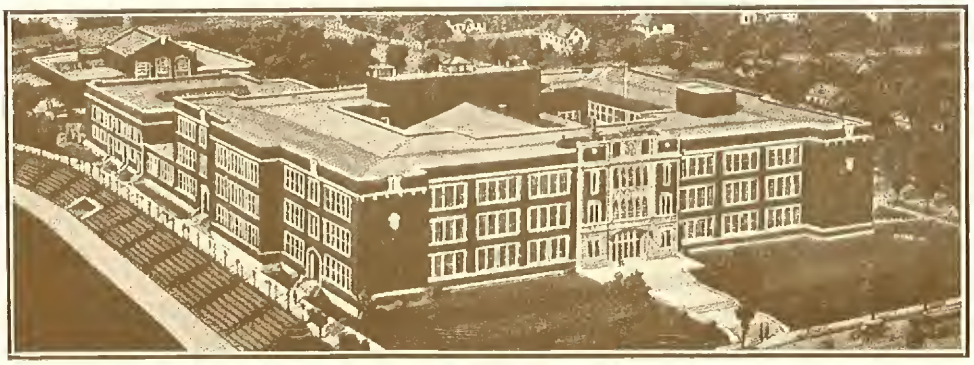


ROLLER ADJUSTABLE

This attractive adjustable shade is frequently used on windows wider than 48 inches for which it is very satisfactory. The spring roller is supported by hangers mounted on a smooth rod, nicely varnished, with rubber bumpers at the ends. The cord runs through pulleys and fastens to a cleat on the window frame. Easily balanced because of the equal tension on hangers.

DANVILLE, ILLINOIS

This million dollar Danville High School has been equipped throughout with Forse Double Roller Wear-proof shades. The installation was satisfactory in every detail to Lewis and Daugherty, the architects, and O. D. Brown, Superintendent of Buildings.

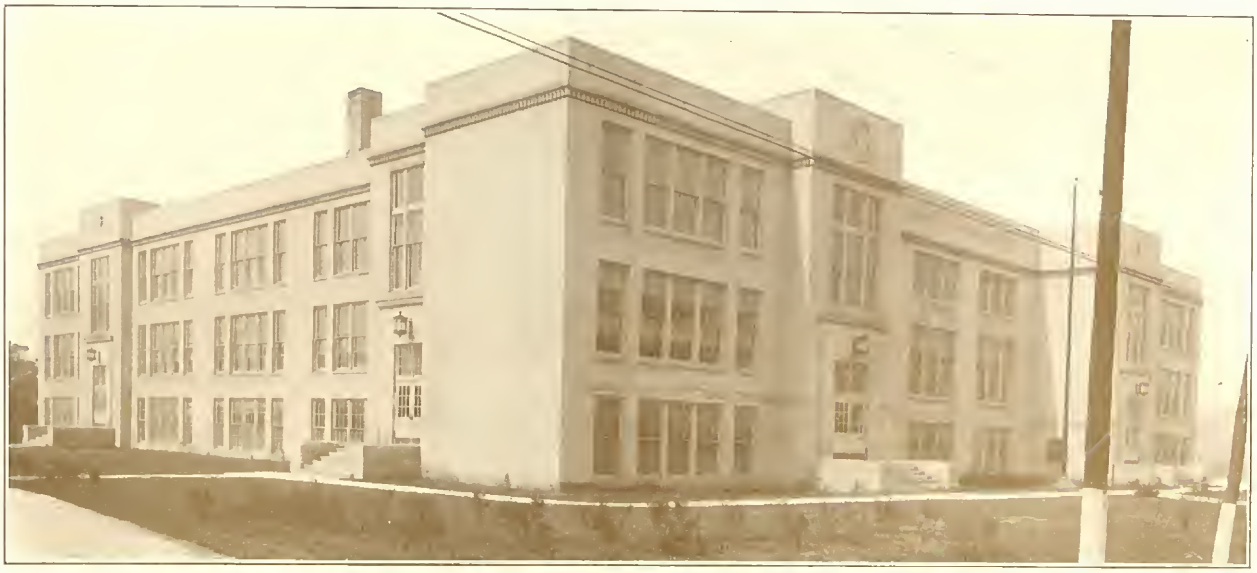


NEW JERSEY STATE INSTITUTIONS

NEW JERSEY INSTITUTE FOR FEEBLE-MINDED, VINELAND, N. J.
Forse Wear-Proof shades have been adopted as standard for New Jersey Institutions

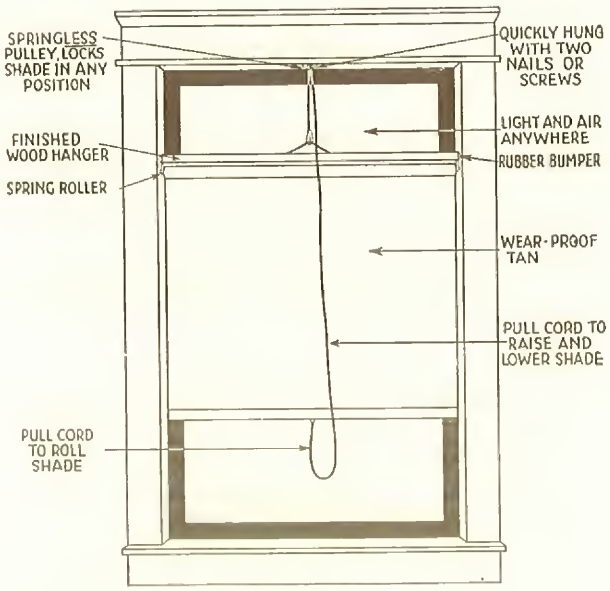
NEW JERSEY INSTITUTE FOR THE DEAF, TRENTON, N. J.

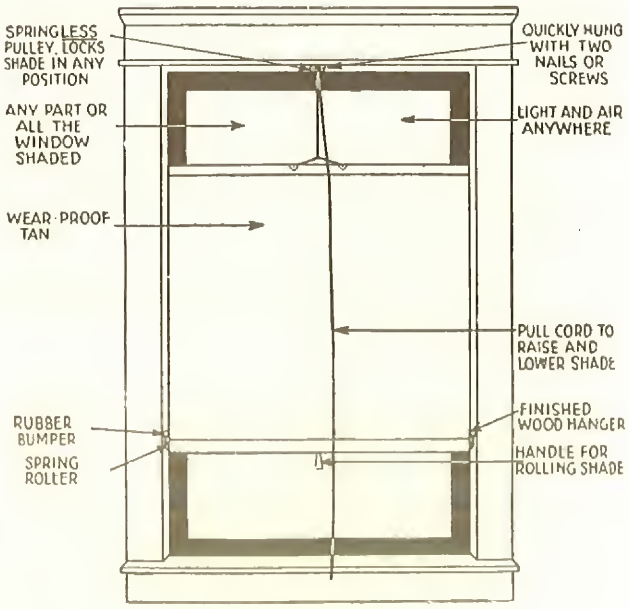
STEUBENVILLE, OHIO SCHOOL



WARREN G. HARDING HIGH SCHOOL
STEUBENVILLE, OHIO
W. C. Findt, Architect, Springfield, Ohio

POPULAR TYPES OF ADJUSTABLE WINDOW SHADES





SINGLE ROLLER ADJUSTABLE WINDOW SHADES

No. 4

This shade has many good features. Easily installed by driving two nails or screws.

A pull on the cord will lower or raise the shade on the window, and another pull will roll it up or down on the spring roller. Perfectly balanced and one of the highest quality shades ever produced. Made of Wear-Proof fabric mounted on guaranteed spring rollers. Supported on finished wood hanger provided with rubber bumpers.

No. 5

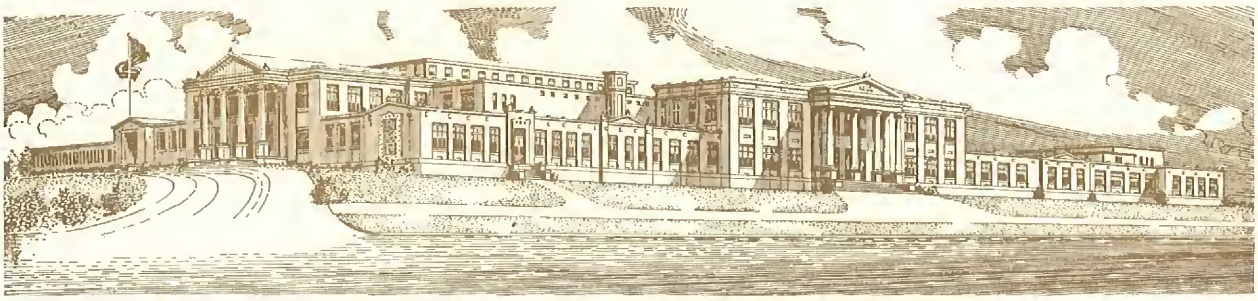
This sanitary shade has the spring roller and handle at the BOTTOM instead of the top. Conveniently rolled or unrolled by grasping the handle. A slight pull on the cord will raise or lower the entire shade. Metal parts are nickeled or rust-proofed; finished lower hanger is provided with rubber bumpers. Made in standard Wear-Proof fabric. One of the highest quality shades manufactured.

Either of the above shades will be supplied with double cord suspension when so specified

HIGH SCHOOL, BENTON HARBOR, MICHIGAN

LARGEST SCHOOL OF "SINGLE STORY" TYPE

Three Acres of Windows



SOUTH SIDE HIGH SCHOOL, FORT WAYNE, INDIANA
Griffith and Goodrich, Architects

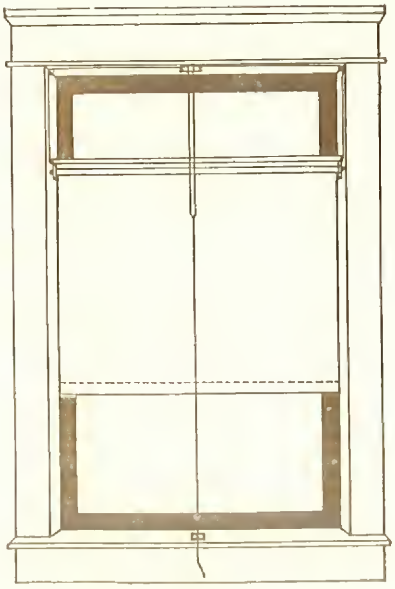
This beautiful High School is unique in many respects. There are no stairways, access to the upper levels being by means of ramps or inclined planes. There is a large athletic field and stadium, and the building is located at the edge of the city where land was acquired at a comparatively low cost.

The school is equipped throughout with almost one thousand Forse Wear-Proof Shades. These shades were adopted because of the satisfaction with similar shades we had provided for the Franklin school of Fort Wayne during the preceding school year. Special fixtures for shading groups of windows with transoms, were prepared for this installation.

LYNN, MASSACHUSETTS HIGH SCHOOL

ENGLISH HIGH SCHOOL, LYNN, MASSACHUSETTS
George A. Cornet, Architect

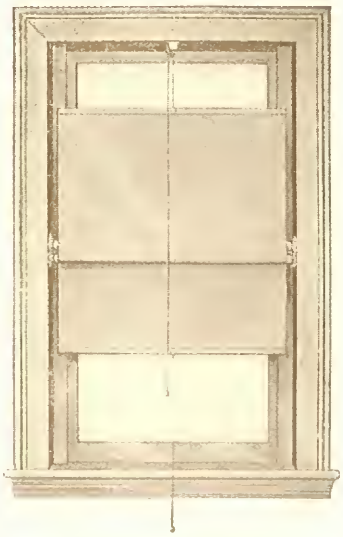
SINGLE AND DOUBLE ROLLER ADJUSTABLE SHADES



No. 6

SINGLE ROLLER ADJUSTABLE

The ONLY adjustable single roller shade with double suspension that does not require wrapping or tying of cord. The cord is drawn through a double pulley of our own design at center of top casing, and held in place by springless locking pulley on the lower sill. Shade cannot flap in the wind, as it is held in position by the taut cord at center. This shade is splendid for wide windows of average length. Well made and supplied in guaranteed Wear-Proof fabric.



No. 7

DOUBLE ROLLER

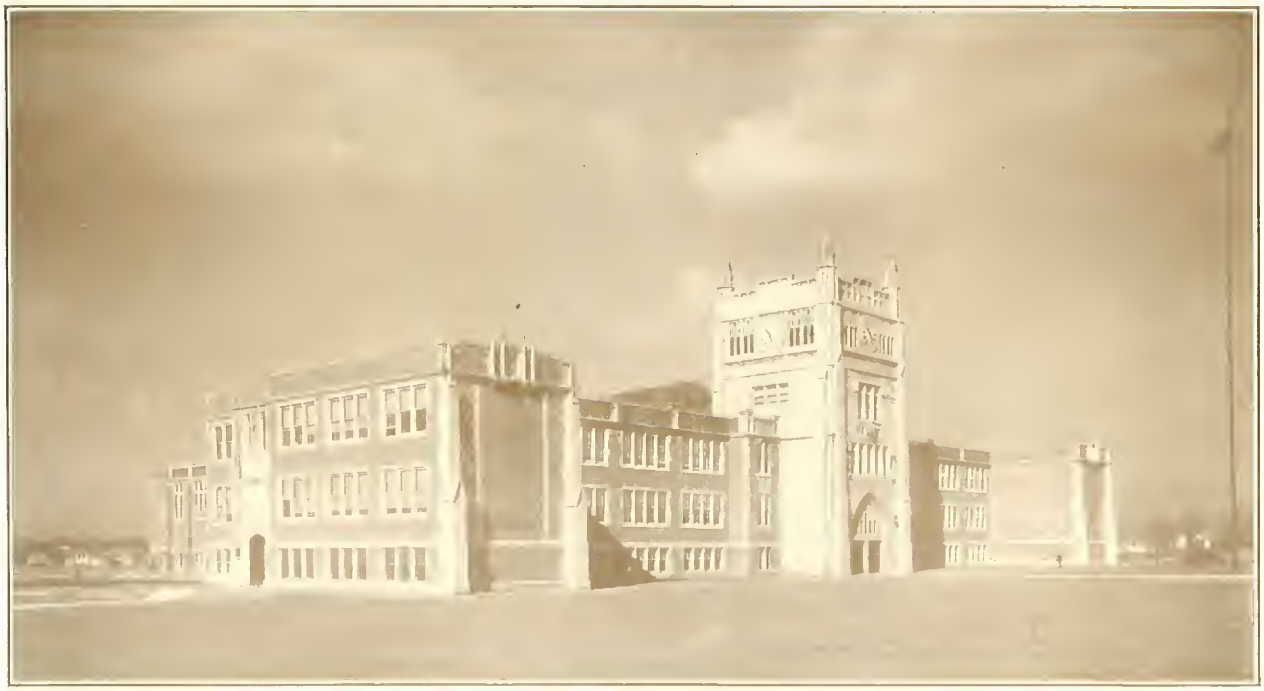
(Old Style Shade)

The equipment consists of two Wear-Proof shades mounted on guaranteed rollers and special brackets. The shade on lower roller runs up, and the shade on top roller runs down. The upper shade is raised and lowered by means of cord running through stop pulley on top casing. This shade has been largely superseded by the Duo-Roll shade.

LIGHT AND AIR CONTROL

DOUBLE ROLLER OLD STYLE NUMBER 7, FORSE WEAR-PROOF WINDOW SHADES

MILLION-DOLLAR SCHOOLS; FORSE-EQUIPPED



WOODROW WILSON HIGH SCHOOL, TERRE HAUTE, INDIANA
Johnson, Miller and Yeager, Architects

PAWTUCKET SENIOR HIGH SCHOOL, PAWTUCKET, RHODE ISLAND
Monahan and Meikle, Architects

The Superintendent says:

"I am very much pleased with the Forse Duo-Roll shades installed in the Senior High School and will continue to voice my appreciation for the same.

William A. Newell,
Superintendent of Schools,
Pawtucket, R.I."

The Architect says:

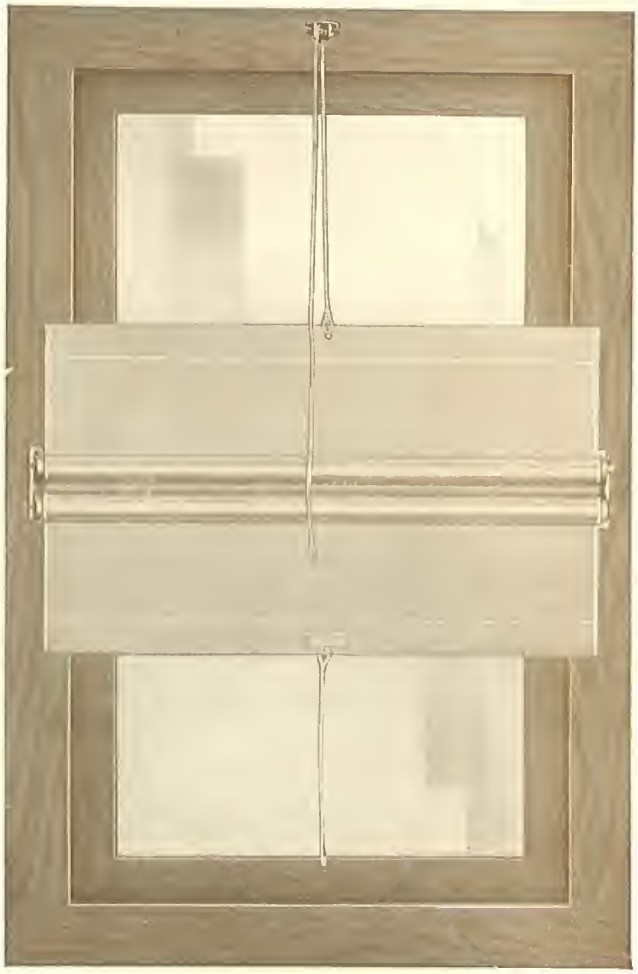
"We not only agree with the Superintendent of Schools but wish to add to it; that this being the first time we have used Forse Duo-Roll shades we are sure that we shall continue to use them whenever possible. Due to their innumerable good qualities they have sold themselves to this office.

Monahan and Meikle
Architects"

FORSE WEAR-PROOF STEELWAY DUO-ROLL SHADES

Steel Bracket Construction; Life-Time Guarantee

Perfect Control of Light and Ventilation



The Duo-Roll consists of two window shades for each window, made of well-known Forse Wear-Proof sunfast tan (or white) fabric on genuine Hartshorn spring rollers.

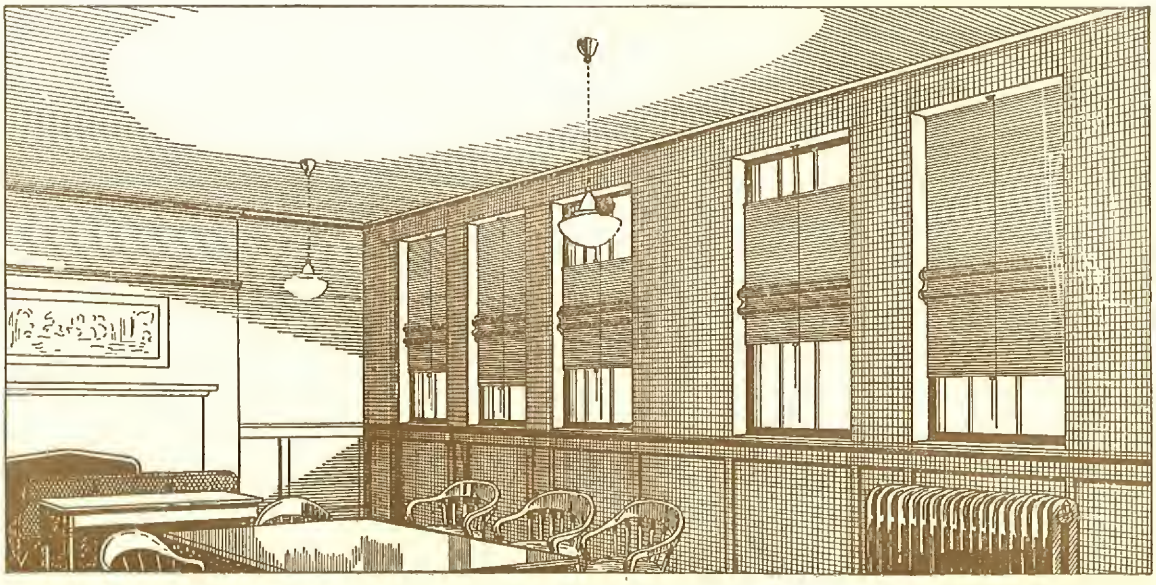
The window shades are usually mounted at the meeting point of the two sash, and both shades operate in the same plane, without touching each other. Friction is avoided.

This result is obtained by the use of Forse patented nickeled-steel reversible double brackets and a light shield made of hard thin steel, colored to match the window shades.

The "life-time" guarantee is possible because of the unbreakable steel construction of the light shield and brackets, our exclusive patented design which enables us to say without qualification this is the most beautiful and substantial window shade ever made.

Brackets and light shield are interchangeable for use between the window stops or overlapping the casing as may be preferred.

The Duo-Roll can be supplied for any size or shape of window, large or small.



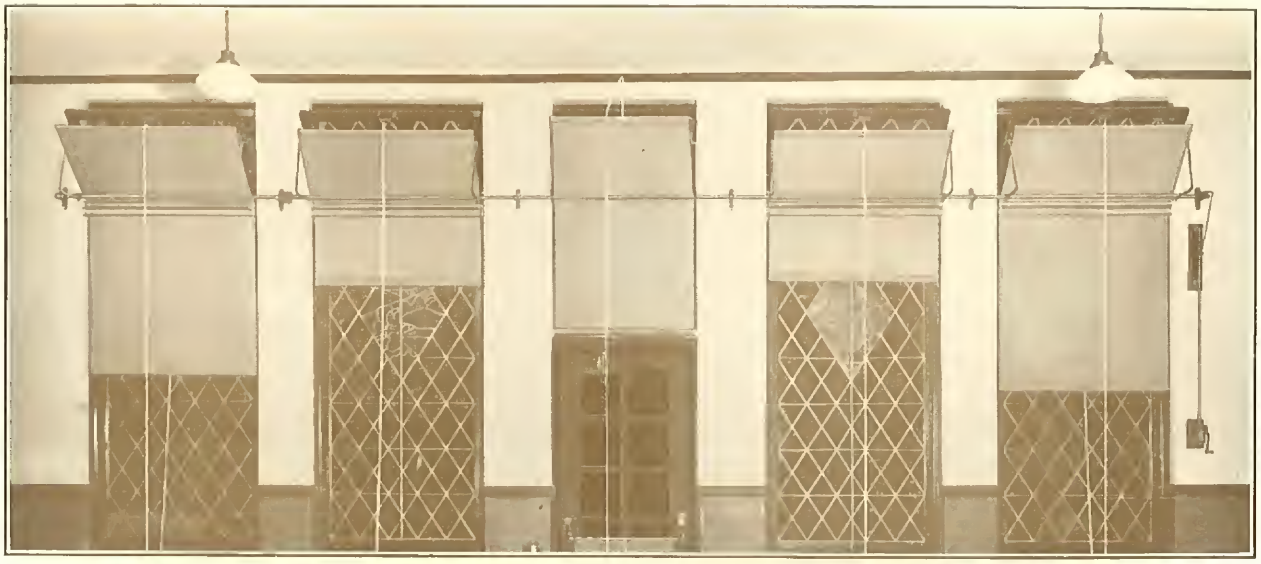
QUAKERTOWN AND MUSKEGON SCHOOLS

JUNIOR-SENIOR HIGH
QUAKERTOWN, PENNSYLVANIA

Clayton J. Lappley, Architect, Harrisburg, Pennsylvania

SENIOR HIGH SCHOOL AND JUNIOR COLLEGE
MUSKEGON, MICHIGAN

H. H. Turner and V. E. Thebaud, Architects, Grand Rapids, Mich.



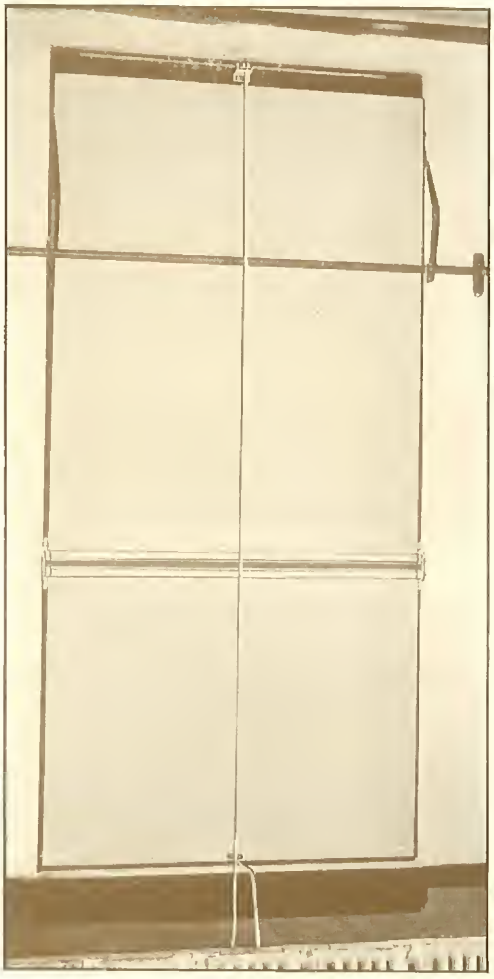
COLUMBIA UNIVERSITY MEDICAL CENTER, NEW YORK

EQUIPPED THROUGHOUT WITH FORSE WEAR-PROOF WINDOW SHADES

The window shades we supplied for the four buildings of Columbia University illustrated on page 5 of this catalog, proved so satisfactory that we were called upon to also equip this magnificent group of buildings known as the Medical Center of Columbia University. They consist in part of a great hospital, a Nurses' residence and a College of Physicians and Surgeons. The buildings and their equipment cost several million dollars.

For these buildings we supplied our "hospital special," which is a modified type of the standard Forse tan Wear-Proof window shade. The principal difference is the quick detachable feature, whereby the shade fabric can be removed from the spring roller and slat for the purpose of washing, and as easily replaced.

These shades because of their sanitary and Wear-Proof qualities will be generally adopted as they become known to hospital and institutional executives.



UNEQUAL LENGTH SHADES

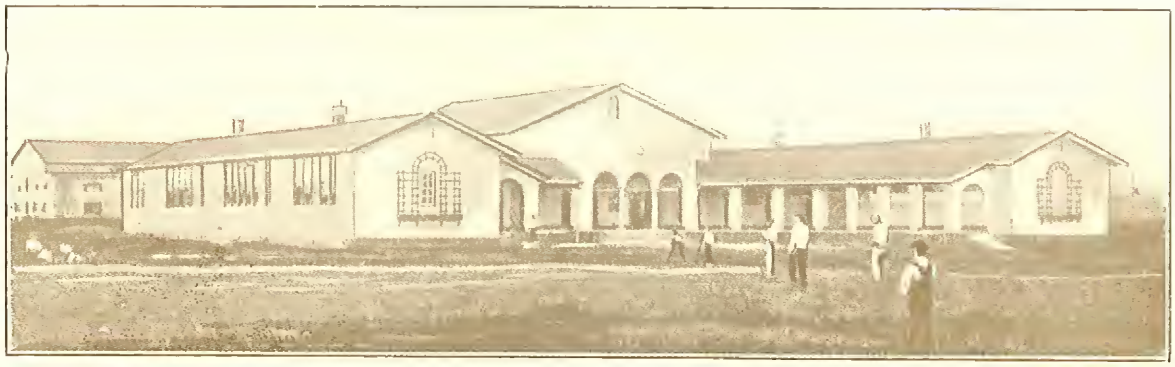
It is not necessary that both shades in a pair shall be of equal length. It is frequently advisable to have one shade shorter than the other one of the pair. Windows of any size or shape can be satisfactorily shaded with the Forse Duo-Roll.

TWO-CORD SUSPENSION

When windows are wider than 58 inches, it is sometimes, though not always desirable to use the double cord arrangement illustrated above. We recommend, except for extremely wide shades, the single cord on each shade with Forse quiet pulleys, as illustrated on other pages. The single cord control has the advantages of simplicity, silence, and a minimum of working parts.

FORSE WEAR-PROOF DUO-ROLL SHADES

The Forse Duo-Roll shade is without question the most practical and satisfactory shade for modern school structures and buildings of a public or semi-public character. Permits perfect control of light and ventilation. Installed inside stops or flat or casing, positively eliminating side-light streaks. Impossible to get out of order as shades are securely held in nickel-steel unbreakable brackets of exclusive Forse design. Easy to install. Wear-Proof sunfast tan fabric, genuine Hartshorn rollers, oversize hardwood slats, strong cords, and the improved FORSE QUIET PULLEYS.

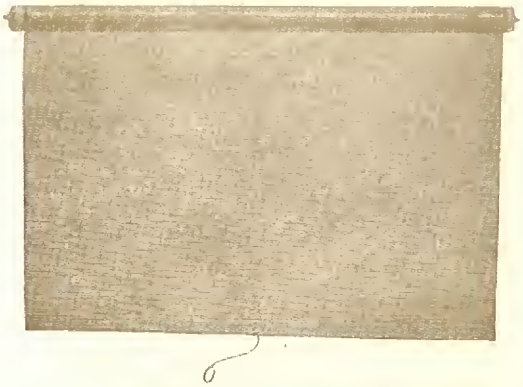


CHISHOLM JUNIOR HIGH SCHOOL, MONTGOMERY COUNTY, ALABAMA

DAYTON AND GEORGIA SCHOOLS

NAMED FOR A PIONEER OF THE AIR
WILBUR WRIGHT SCHOOL
DAYTON, OHIO

COLUMBUS HIGH SCHOOL
COLUMBUS, GEORGIA
Starrett and Van Vleck, Architects, New York, N.Y.



SPRING ROLLER SHADES

Non-adjustable Wear-Proof shades on guaranteed spring rollers are frequently supplied for hospitals, office and apartment buildings, residences and industrial plants.

AUSTRAL TYPE SHADES

The "Austral" double and triple windows with pivoted sash are illustrated. These windows are best shaded with Forse Wear-Proof fabric mounted on guaranteed spring rollers, an equipment that will give long and satisfactory service. Forse quiet pulleys and long cords which we supply complete the installation, enabling the user to have perfect control of light and ventilation. It is NOT necessary to supply guide wires for the shades when equipped with our pulleys and fixtures, operating on spring-released rollers. The fabric should overlap glass openings about ¾ inch on each side.

GOLIAD SCHOOL, GALVESTON, TEXAS
William T. Ittner, Architect, St. Louis, Mo.

NEBRASKA AND WEST VIRGINIA SCHOOLS

KEARNEY JUNIOR HIGH SCHOOL
KEARNEY, NEBRASKA

Davis and Wilson, Architects, Lincoln, Nebraska

WOODROW WILSON JUNIOR-SENIOR HIGH SCHOOL
BECKLEY, WEST VIRGINIA

William B. Ittner, Architect, St. Louis, Mo.

STEEL WINDOWS WITH TILT-IN VENTILATORS

These windows are very satisfactorily shaded with Forse Duo-Roll Wear-Proof window shades. The Duo-Roll brackets are mounted on Mullion Extensions No. 3 as illustrated at the bottom of this page and on page 24. The Duo-Roll brackets at ends are fastened on steel plates in brick walls as illustrated at middle of page 26.

Detail of steel sash, hollow steel mullions and special Forse Duo-Roll brackets, with extension No. 3 as illustrated on page 24.

WE GUARANTEE TO SATISFACTORILY SHADE

any design or type of

STEEL SASH WINDOWS

with the Forse Duo-Roll shades and our special bracket and plate equipment.

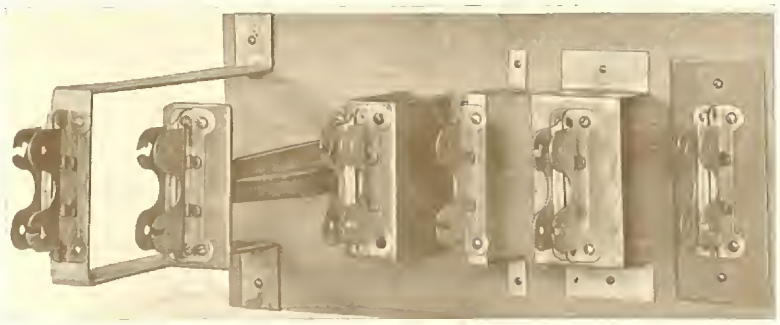
WYOMING AND MICHIGAN SCHOOLS

NATRONA COUNTY HIGH SCHOOL
CASPER, WYOMING

The Natrona County Memorial Hospital is also equipped with Forse Wear-Proof Window Shades

MT. CLEMENS HIGH SCHOOL
MT. CLEMENS, MICHIGAN

Jos. C. Llewellyn Company, Architects



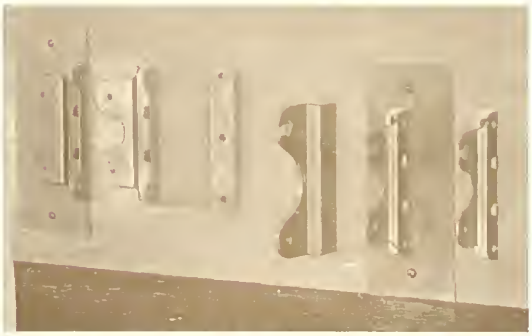
No. 1 No. 2 No. 3 No. 4 No. 5 No. 6

STEEL SASH BRACKETS

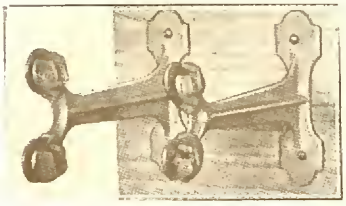
The Forse Duo-Roll shade has been satisfactorily installed on every type of window, including steel sash with tilting ventilators. Some of the special brackets, plates and fixtures we have developed for the purpose are illustrated. See also page 22.

BRICK AND STONE WALL PLATES

When brackets are installed on plaster walls, brick, stone or concrete it is sometimes desirable to cover screwholes in plaster with steel plates on which the brackets are mounted at the factory. Every possible situation is met by the use of Forse special equipment. See middle of page 26 for application of plate No. 8.



No. 7 No. 8 No. 9 No. 10 No. 11



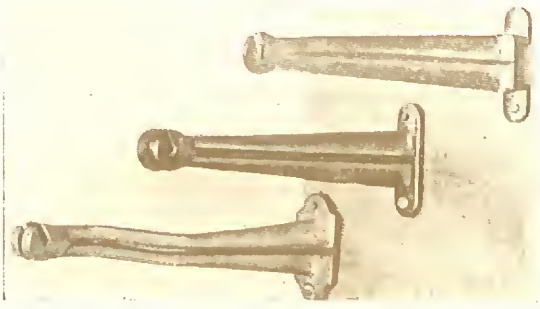
No. 12 No. 13

EXTENSION BRACKETS, DOUBLE ROLLER TYPE

These brackets are for mounting double roller shades when the window is of type requiring that the shades shall clear the window by several inches. Examples are of inward tilting windows or windows with deep reveal.

EXTENSION BRACKETS

The window pictured at the top right hand corner of page 26 illustrates one use of extension bracket No. 16. All of the brackets illustrated have been designed to meet special conditions. "For every window there is a Forse Wear-Proof shade."

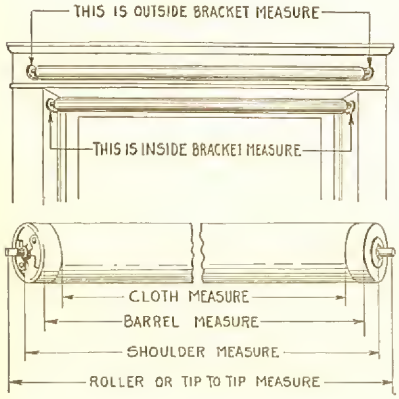


No. 14 No. 15 No. 16

INDUSTRIAL PLANTS; FORSE-EQUIPPED

LUFKIN RULE COMPANY, SAGINAW, MICHIGAN

RUSSELL, BURDSALL & WARD, BOLT AND NUT CO., ROCK FALLS, ILLINOIS



INSTRUCTIONS

This illustration shows how shades can hang inside or overlapping. Just tell us the following and we will make the proper allowances.

(a) Give width of window opening between window stops.

(b) Do you want the shades to hang inside or overlap?

The tip to tip measure is always 1½ inches more than the actual width of cloth.

No. 17
No. 18
No. 19
No. 20
No. 21
No. 22
No. 23

PULLEYS

No. 24
No. 25
No. 26
No. 27

CORD CLEATS

STEEL SASH WINDOWS AND FORSE WEAR-PROOF SHADES

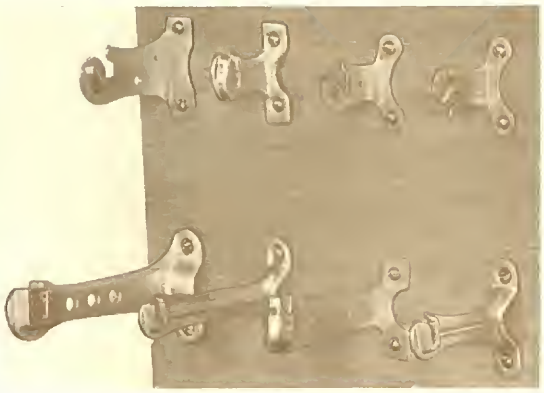
The window illustrated above is attractively shaded with Forse Non-Adjustable Shades, using inside wall brackets No. 42. If in brick or plaster the brackets should be mounted on flat steel plates.

The steel sash window above illustrates the use of Forse Wearproof Non-Adjustable Shades with extension brackets No. 16 mounted on the steel sash.

BRICK WALL PLATES

The use of steel plate No. 8 is detailed. This is the type of equipment used for the end wall installation of shades illustrated on page 22.

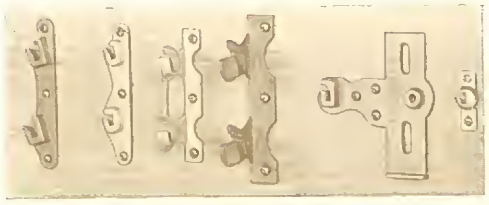
No. 28 No. 29 No. 30 No. 31



No. 32 No. 33 No. 34 No. 35

OUTSIDE BRACKETS

These are of various sizes and lengths to meet conditions.



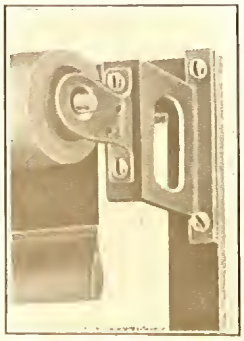
No. 37 No. 38 No. 39 No. 40 No. 41 No. 42

BRACKETS FOR DOUBLE ROLLER

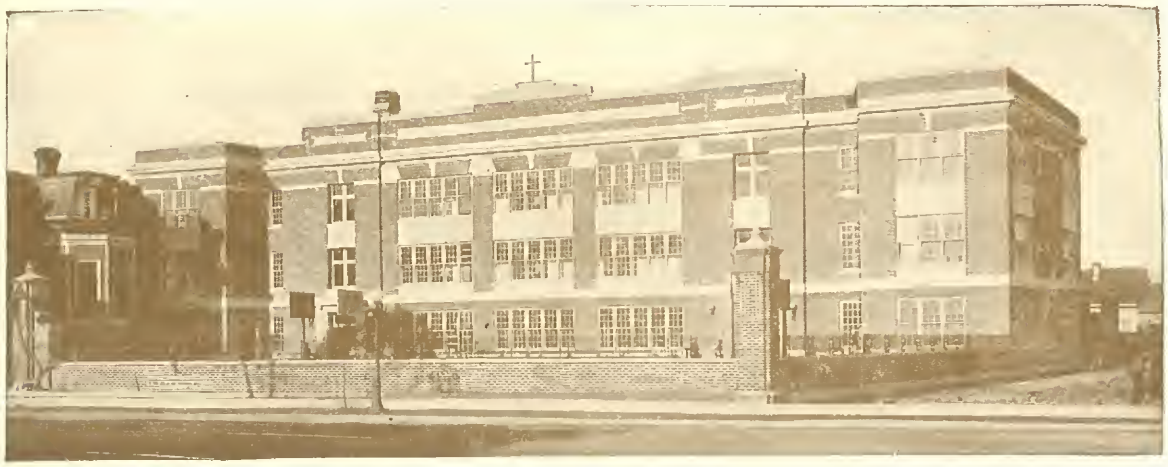
Old style shades and other types

STEEL SASH BRACKET AT RIGHT

No. 36 combined with ordinary outside bracket No. 29. Occasionally the steel sash manufacturer equips windows with bracket No. 36 which simplifies the installation as it is only necessary to bolt No. 29 to the No. 36 already attached.

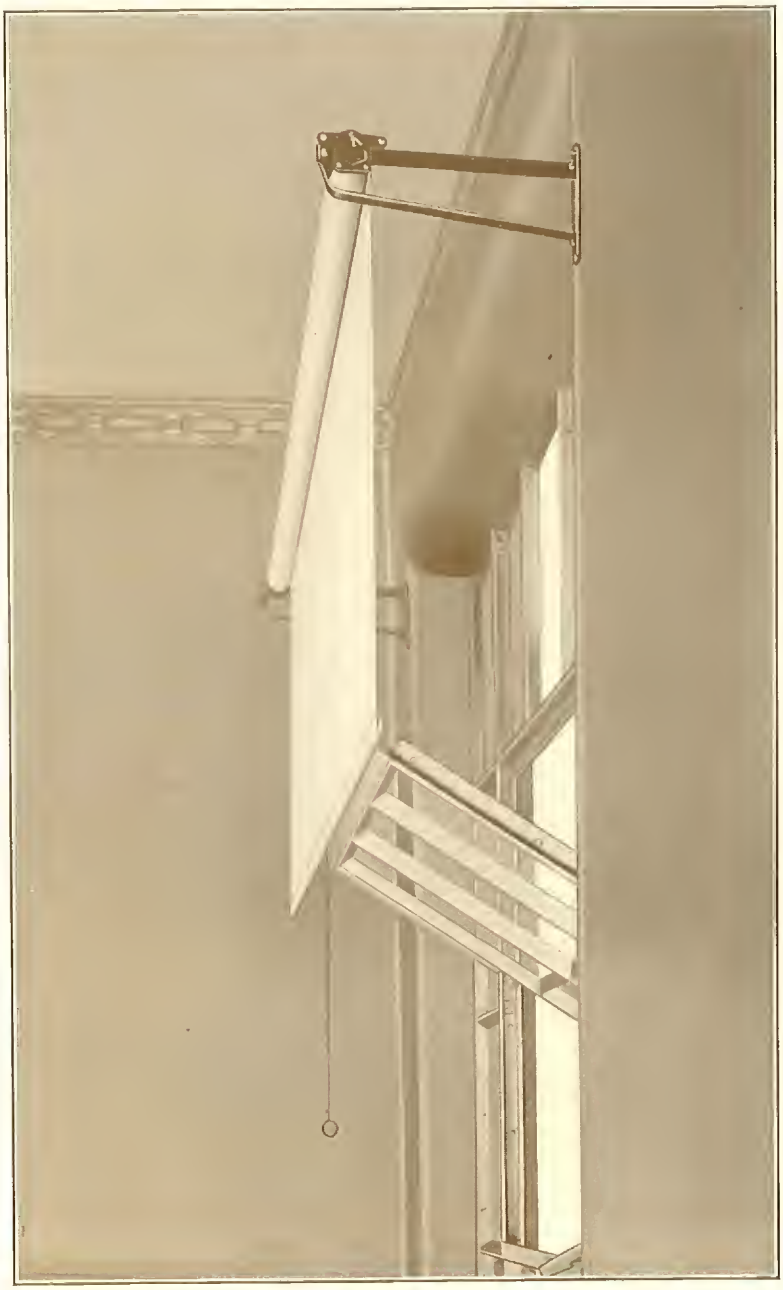


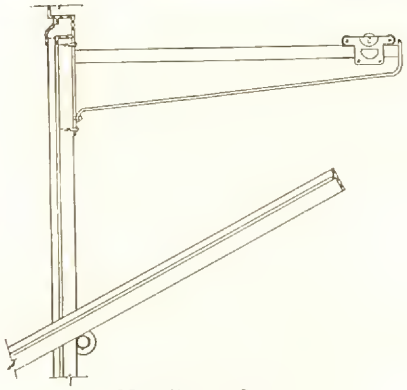
CATHOLIC INSTITUTIONS; FORSE-EQUIPPED



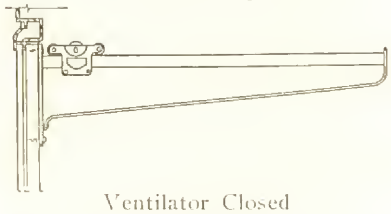
ST. ALOYSIUS COLLEGE, NEW ORLEANS, LOUISIANA
Montz & Moroney, Architects

OUR LADY OF LORETO PAROCHIAL SCHOOL, SACKMANN STREET, BROOKLYN, NEW YORK

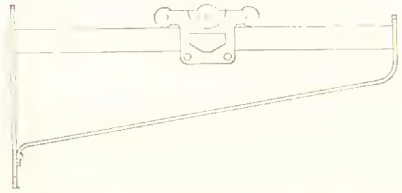




Ventilator Open



Ventilator Closed



Forse Roll-Way Brackets for Windows Having Tilting Ventilators

Made in 12 and 20-in lengths. Bracket attached to steel sash. Can also be anchored to wall at side or above.

FORSE "ROLL-WAY" SHADES

For Steel Sash With Tilting Ventilators

Each roll-way bracket consists of a carriage, mounted on a track, which carries the shade back and forth, to and from the window. Just enough "cling" to hold the shade in position at any point on the track.

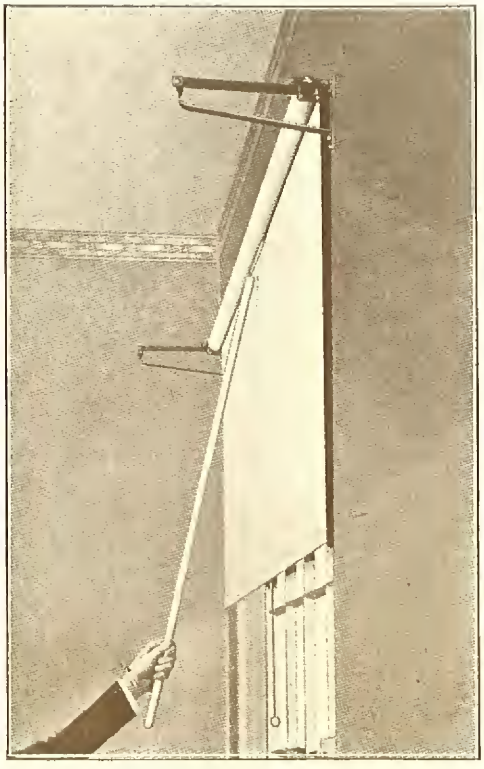
The ends of spring rollers are drilled for the insertion of cotter pins so that the shade is held firmly in position after it is installed.

A MANUFACTURER OF STEEL SASH APPROVES:

"We recommend the use of the "Roll-Way" as a practical window shade for pivoted or open-in projected ventilators."

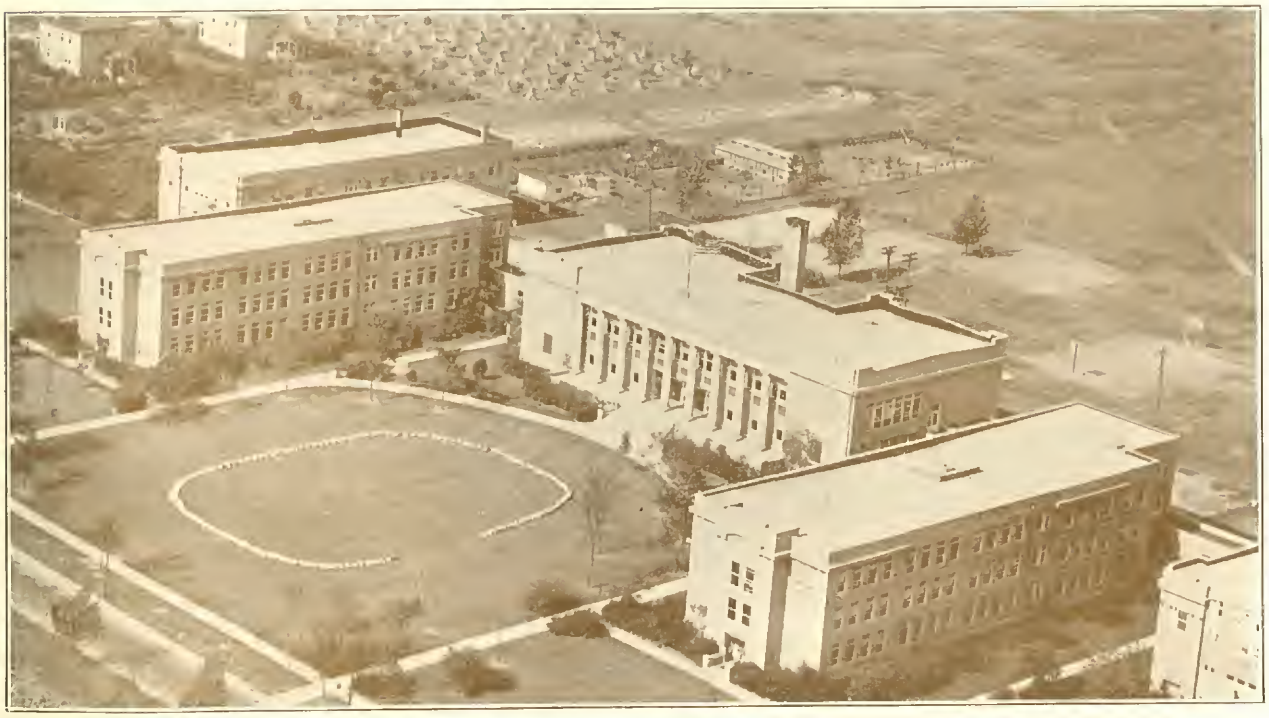
Yours truly,

David Lupton's Sons Company



INSTITUTIONAL BUILDINGS; FORSE-EQUIPPED

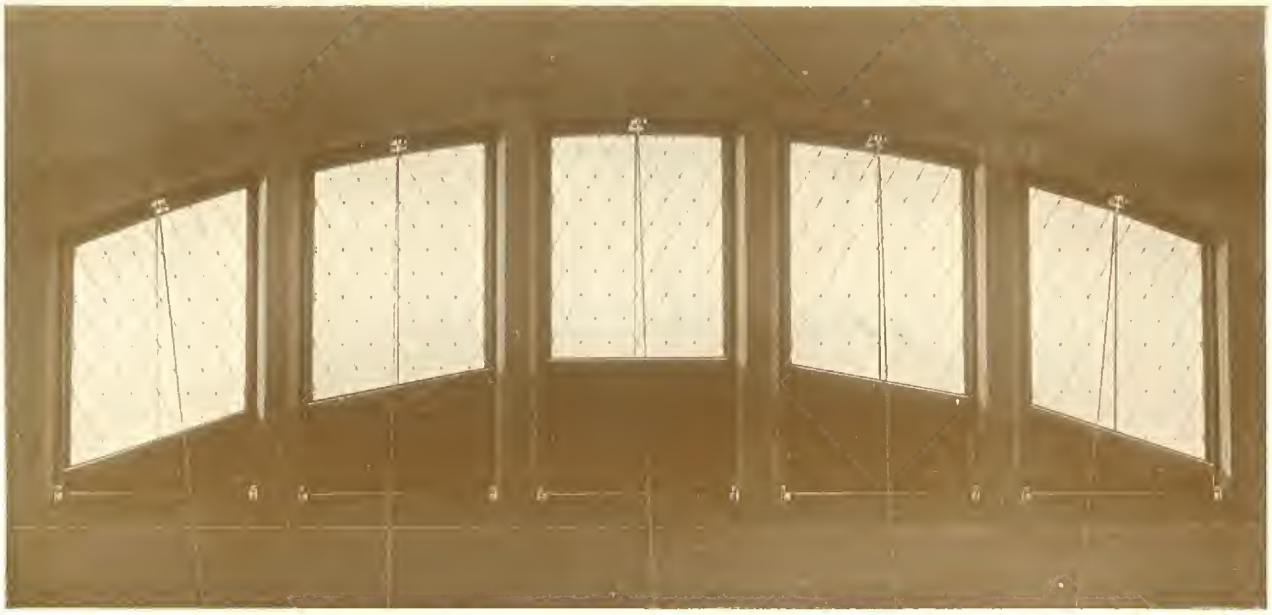
SAINT VINCENT'S HOSPITAL
INDIANAPOLIS, INDIANA

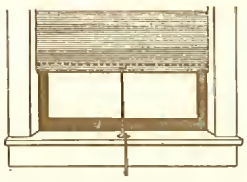


CONCORDIA TEACHERS COLLEGE
RIVER FOREST, ILLINOIS

Worthman and Steinbach, Architects, Chicago, Illinois

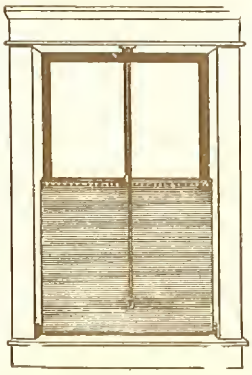
Auditorium windows and other special shapes frequently require the use of shades with curved upper sections. The ones illustrated on this page are of Nelux, or special darkening material. This is a leather-like, soft finish, durable fabric that is colored tan on the outside to match Forse Wear-Proof tan shades, and opaque black on the inside. Used frequently for shutting out light completely in operating picture machines and laboratory lanterns. Sketch of curved section should be furnished.





"HOLD-FAST" ATTACHMENT

Any Forse shade with spring roller, can be supplied with stop pulley "hold-fast" attached to lower sill. This holds the shade steady and prevents flapping in the wind.

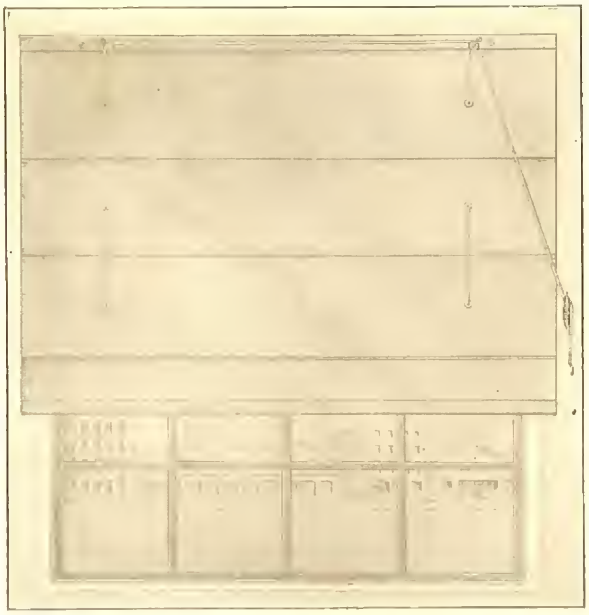


PULL-UP SHADES

Shades pulling upward by means of long cords running through stop pulleys fastened at top of windows are used on short windows and on transoms above windows and doors. Wear-Proof fabric on guaranteed spring rollers. This type is very satisfactory for swinging sash or Austral type windows, using one shade for each sash.

UNION STOCK YARDS EXCHANGE BUILDING, SOUTH OMAHA, NEBRASKA
George B. Prinz, Architect

PEACHTREE ARCADE, ATLANTA, GEORGIA



"BIG WINDOW" SHADE

No. 10

Made of tan or white Wear-Proof fabric, folding, without spring roller. Easily raised and lowered by strong cords; folds compactly to small width; truly Wear-Proof. This shade can be used on windows of any size up to 12 feet in width. Solves the problem of shading steel sash windows with tilting ventilators. The shade can be supported, if desired, by brackets placed in ceiling, to clear tilting sections of windows, or it can be installed on window casing in the usual manner. Our "BIG WINDOW" shade will give splendid service for many years. It thrives on rough treatment.

"BIG WINDOW" SHADE 12 FEET WIDE IN FACTORY OFFICE